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1771  
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PATENT  
0950-0110P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Fumihiko YAMAGUCHI et al. Conf.: 5516  
Appl. No.: 09/368,429 Group: 1771  
Filed: August 5, 1999 Examiner: Befumo, J.  
For: CARPET, STAINPROOFING AGENT FOR CARPET  
AND METHOD FOR TREATING THE CARPET

LARGE ENTITY TRANSMITTAL FORM

Assistant Commissioner for Patents  
Washington, DC 20231

December 6, 2001

Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☐ The enclosed document is being transmitted via the Certificate of Mailing provisions of 37 C.F.R. § 1.8.
- ☐ The enclosed document is being transmitted via facsimile.
- ☒ Petition for two (2) month(s) extension of time pursuant to 37 C.F.R. §§ 1.17 and 1.136(a). \$400.00 for the extension of time.
- ☐ No fee is required.
- ☒ Check(s) in the amount of \$400.00 is(are) enclosed.
- ☐ Please charge Deposit Account No. 02-2448 in the amount of \$0.00. This form is submitted in triplicate.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By 

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0950-0110P

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ATTACHMENT

(Rev. 09/27/01)



#9/Amolt  
A  
Ogawa  
PATENT  
0950-0110P  
12/11/01

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AMENDMENT

Assistant Commissioner for Patents  
Washington, DC 20231

December 6, 2001

Sir:

In response to the Office Action of July 6, 2001, the period for response having been extended two months, the following remarks are submitted in connection with the above-identified application.

AMENDMENTS

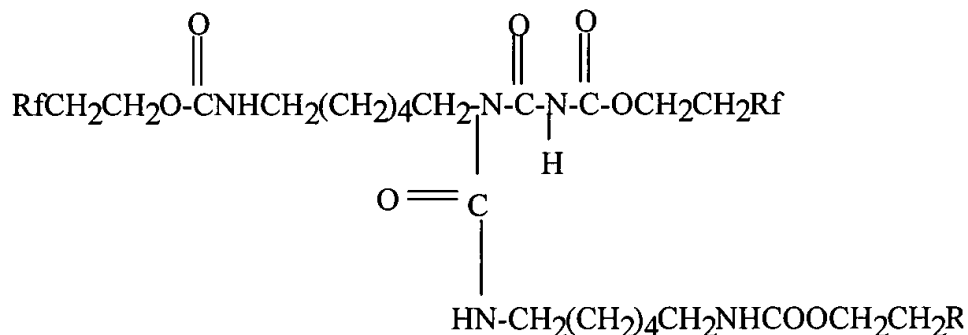
IN THE WRITTEN DESCRIPTION:


Please replace ✓ the paragraph on page 6, line 1 with the following rewritten paragraph:

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wherein Rf represents  $C_nF_{2n+1}$  (n is an integer of 5 to 21). A chemical structure showing a fluorinated polymer chain segment. It consists of a backbone of carbon atoms, each bonded to two fluorine atoms, and a side chain of a perfluorinated alkyl group, represented as -C(F)(F)-[C(F)(F)]n-C(F)(F)2, where n is an integer from 5 to 21.

We attach a copy of a publication of its priority patent application whose application number is 111737/1999 for your reference. Please refer to [0018] on page 3 of the publication. It is also clear from the structure of Rf maleate on page 19 of the present specification that  $C_nH_{2n+1}$  should be  $C_nF_{2n+1}$  correctly.

Please replace the paragraph on page 14, line 9 with the following rewritten paragraph:

$$\text{Stainproof ratio (\%)} = 100 \times (\Delta E_N - \Delta E_{Tn}) / \Delta E_N$$

 $\Delta E_N$ : Color difference after stainproof test of untreated carpet

$\Delta E_{Tn}$ : Color difference after stainproof test of carpet treated by the stainproof agent

n: the number of cleaning.  $\sqrt{-}$

Please replace the paragraph on page 15, line 21 with the following rewritten paragraph:

A3 -Cleaning of the carpet textile treated with a stainproofing agent is conducted according to AATCC-138.--

**IN THE ABSTRACT:**

Please replace the abstract with the rewritten abstract attached to the back of this response.

**IN THE CLAIMS:**

Please amend the claims as follows.

AB  
B1  
A5 Claim 1. (Amended) A carpet comprising a stainproof-treated textile, wherein the carpet has stainproof ratio defined below of at least 30 %:

$$\text{Stainproof ratio (\%)} = 100 \times (\Delta E_N - \Delta E_{Tn}) / \Delta E_N$$

$\Delta E_N$ : Color difference after stainproof test of untreated carpet;

$\Delta E_{Tn}$ : Color difference after stainproof test of carpet treated by the stainproof agent;

n: the number of cleaning; cleaning is conducted according to AATCC-138,  $n \leq 20$ .